EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070051665"	US-PGPUB; USPAT	OR	ON	2008/10/28 16:05
S2	10	US-3136705-$.DID. OR US-5108583-$. DID. OR US-5139748-$.DID. OR US-5358632-$.DID. OR US-5368824-$.DID. OR US-6042717-$. DID. OR US-6503461-$.DID. OR US-6613290-$.DID. OR US-6199768-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 16:12
S3	721	208/106.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/29 07:55
S4	2402	hydrocarbon and (feed near5 injection)	US-PGPUB; USPAT	OR	ON	2008/10/29 07:56
S5	1334	(non$1circular or (non adj circular)) near2 (conduit or pipe or tube)	US-PGPUB; USPAT	OR	ON	2008/10/29 07:59
S6	27244	FCC or (fluid adj catalytic adj cracking)	US-PGPUB; USPAT	OR	ON	2008/10/29 08:00
S7	1	S4 and S5 and S6	US-PGPUB; USPAT	OR	ON	2008/10/29 08:00
S8	1	S4 and S5	US-PGPUB; USPAT	OR	ON	2008/10/29 08:01
S9	1	S5 and S6	US-PGPUB; USPAT	OR	ON	2008/10/29 08:02
S10	2835	(non$1circular or (non adj circular)) near10 (conduit or pipe or tube)	US-PGPUB; USPAT	OR	ON	2008/10/29 08:02
S11	46316	(non$1circular or (non adj circular) or ellipsoid $2 or rectang$4 or square) near5 (conduit or pipe or tube)	US-PGPUB; USPAT	OR	ON	2008/10/29 08:04
S12	133	S11 and S6	US-PGPUB; USPAT	OR	ON	2008/10/29 08:04
S13	40	S11 and S4	US-PGPUB; USPAT	OR	ON	2008/10/29 08:05

S14	33	"5,173,175"	US-PGPUB; USPAT	OR	ON	2008/10/29 08:14
S15	1604	(non$1circular or (non adj circular) or non $cylindrical or (non adj cylindrical)) near2 (conduit or pipe or tube or duct)	US-PGPUB; USPAT	OR	ON	2008/10/29 09:22
S16	9	((non$1circular or (non adj circular) or non$cylindrical or (non adj cylindrical)) near2 (conduit or pipe or tube or duct)) same injection	US-PGPUB; USPAT	OR	ON	2008/10/29 09:24
S17	17	((non$1circular or (non adj circular) or non$cylindrical or (non adj cylindrical)) near2 (conduit or pipe or tube or duct)) same inject$3	US-PGPUB; USPAT	OR	ON	2008/10/29 09:26
S18	374	(non$1circular or (non adj circular) or non $cylindrical or (non adj cylindrical)) near2 (conduit or pipe or tube or duct)	DERWENT	OR	ON	2008/10/29 09:33
S19	0	S18 and (FCC or (fluid adj catalytic adj cracking)) and inject$3	DERWENT	OR	ON	2008/10/29 09:34
S20	0	S18 and (FCC or (fluid adj catalytic adj cracking))	DERWENT	OR	ON	2008/10/29 09:34
S21	5	S18 and hydrocarbon	DERWENT	OR	ON	2008/10/29 09:34
S22	2	S18 and (feed near10 inject$3)	DERWENT	OR	ON	2008/10/29 09:35
S23	15295	(non$1circular or (non adj circular) or ellipsoid $2 or rectang$4 or square) near5 (conduit or pipe or tube or duct)	DERWENT	OR	ON	2008/10/29 09:37
S24	1	S23 and (FCC or (fluid adj catalytic adj cracking)) and inject$3	DERWENT	OR	ON	2008/10/29 09:37
S25	2	S23 and (FCC or (fluid adj catalytic adj cracking))	DERWENT	OR	ON	2008/10/29 09:39

S26	7	"6142457"	US-PGPUB; USPAT	OR	ON	2008/10/29 09:41
S27	7	S23 and (FCC or (fluid adj catalytic adj cracking) or (hydrocarbon near10 crack$3))	DERWENT	OR	ON	2008/10/29 09:43
S28	2	("6042717").URPN.	USPAT	OR	ON	2008/10/29 09:49
S29	6467	(non$1circular or (non adj circular) or non $cylindrical or (non adj cylindrical) or rectangular or ellipsoidal or elliptical) near2 (conduit or pipe or tube or duct)	DERWENT	OR	ON	2008/10/29 09:55
S30	34758	(non$1circular or (non adj circular) or ellipsoid $2 or rectang$4 or ellip $5 or non$1cylindrical or (non adj cylindrical)) near5 (conduit or pipe or tube)	US-PGPUB; USPAT	OR	ON	2008/10/29 09:56
S31	3	(S30 near10 inject$3) and (FCC or (fluid adj catalytic adj cracking))	US-PGPUB; USPAT	OR	ON	2008/10/29 09:57
S32	144	(inject$3 near10 (zone or area or conduit or pipe or duct)) same ((cross$1sectional adj area) near5 (equal or equivalent or uniform))	US-PGPUB; USPAT	OR	ON	2008/10/29 10:07
S33	2	S6 and S32	US-PGPUB; USPAT	OR	ON	2008/10/29 10:08
S34	342	inject$3 same ((cross $1sectional adj area) near5 (equal or equivalent or uniform))	US-PGPUB; USPAT	OR	ON	2008/10/29 10:13
S35	7	S6 and S34	US-PGPUB; USPAT	OR	ON	2008/10/29 10:13
S36	415	(inject$3 near5 (zone or conduit or pipe or duct)) same (cross $1sectional adj area)	US-PGPUB; USPAT	OR	ON	2008/10/29 10:42
S37	23	S6 and S36	US-PGPUB; USPAT	OR	ON	2008/10/29 10:42

S38	330	208/157.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/29 11:11
S39	376	208/153.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/29 11:11
S40	1286	208/113.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/29 11:11
S41	336	(S38 or S39 or S40) and (feed near5 inject $3)	US-PGPUB; USPAT	OR	ON	2008/10/29 11:11
S42	19	(S38 or S39 or S40) and ((feed near3 inject $3) near5 area)	US-PGPUB; USPAT	OR	ON	2008/10/29 11:12
S43	575	(non$1circular or (non adj circular) or non $cylindrical or (non adj cylindrical)) near5 (conduit or pipe or tube or duct)	DERWENT	OR	ON	2008/10/30 07:33
S44	1	S43 and (FCC or (fluid with cataly$3 with crack$3))	DERWENT	OR	ON	2008/10/30 07:34
S45	5	S43 and hydrocarbon	DERWENT	OR	ON	2008/10/30 07:34
S46	34790	(non$1circular or (non adj circular) or ellipsoid $2 or rectang$4 or ellip $5 or non$1cylindrical or (non adj cylindrical)) near5 (conduit or pipe or tube)	US-PGPUB; USPAT	OR	ON	2008/10/30 07:35
S47	3	(S46 near10 inject$3) and (FCC or (fluid with catalytic with cracking))	US-PGPUB; USPAT	OR	ON	2008/10/30 07:35
S48	4	(S46 near10 inject$3) and (FCC or (catalytic with cracking))	US-PGPUB; USPAT	OR	ON	2008/10/30 07:36
S49	3	"10758607" or "11206730"	US-PGPUB; USPAT	OR	ON	2008/10/30 07:39
S50	401	S46 same ((inject$3 or mix$3) with (zone or area or duct or pipe or conduit))	US-PGPUB; USPAT	OR	ON	2008/10/30 07:43
S51	12	S50 and (hydrocarbon same crack$3)	US-PGPUB; USPAT	OR	ON	2008/10/30 07:45

S52	318	inject$3 same ((cross $1sectional with area) near5 (equal or equivalent or uniform))	US-PGPUB; USPAT	OR	ON	2008/10/30 07:57
S53	6	S46 and S52	US-PGPUB; USPAT	OR	ON	2008/10/30 07:57
S54	16	"5139748"	US-PGPUB; USPAT	OR	ON	2008/10/30 08:11
S55	318	inject$3 same ((cross $1sectional with area) near5 (equal or equivalent or uniform))	US-PGPUB; USPAT	OR	ON	2008/10/30 13:39
S56	126	208/176.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 16:14
S57	210	208/163.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 16:24
S58	469	208/146.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 16:42
S59	377	208/153.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 16:42
S60	331	208/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/23 16:42
S61	8	(S56 or S57 or S58 or S59 or S60) and (non adj (circular or cylindrical))	US-PGPUB; USPAT	OR	ON	2009/06/23 16:43
S62	132	(fluid adj catalytic adj crack$3) and (feed near2 inject$3 near2 nozzle)	US-PGPUB; USPAT	OR	ON	2009/06/23 16:46
S63	3	S62 and (non adj (circular or cylindrical))	US-PGPUB; USPAT	OR	ON	2009/06/23 16:46
S64	191	((fluid adj catalytic adj crack$3) or FCC) and (feed near2 inject$3 near2 nozzle)	US-PGPUB; USPAT	OR	ON	2009/06/23 16:47
S65	753	((fluid adj catalytic adj crack$3) or FCC) and (feed near2 inject$3)	US-PGPUB; USPAT	OR	ON	2009/06/23 16:48
S66	577	((fluid adj catalytic adj crack$3) or FCC) and ((feed near2 inject$3) same catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/23 16:48
S67	7	S66 and (non adj (circular or cylindrical))	US-PGPUB; USPAT	OR	ON	2009/06/23 16:48

S68	32	S66 and ((uniform or equal) with (cross adj section$2 adj area))	US-PGPUB; USPAT	OR	ON	2009/06/23 16:54
S69	52	(fluid adj atom$7) and ((fluid adj catalytic adj crack$3) or FCC)	US-PGPUB; USPAT	OR	ON	2009/06/24 09:17
S70	14	("3071540" | "4427538" | "4427539" | "4434049" | "4479870" | "5139748" | "5205992" | "5338438" | "5358632" | "5552119" | "5562818").PN. OR ("6042717").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 09:46
S71	22	("2327175" | "2518842" | "2560356" | "2905634" | "3121593" | "3136705" | "3573200" | "3733011" | "3826738" | "3902856" | "3996015" | "4061562" | "4097362" | "4390502").PN. OR ("4820494").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 09:52
S72	350	422/140.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:33
S73	250	422/213.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:35
S74	126	208/176.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36
S75	210	208/163.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36
S76	469	208/146.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36
S77	377	208/153.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36
S78	331	208/157.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36

S79	48	(S74 or S75 or S76 or S77 or S78 or S72 or S73) and ((uniform or equal) near5 (cross adj sectional adj area))	US-PGPUB; USPAT	OR	ON	2009/06/24 10:36

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